ABSTRACT OF THE DISCLOSURE

A method and apparatus for sharing storage in a cross-connect. According to one embodiment of the invention, a cross-connect includes a number of sets of data input lines and a number of matrices. Each of the sets of data input lines is to be coupled to a different line card. Each of the matrices is coupled to every one of the sets of data input lines. In addition, each of the matrices has a set of data output lines, where the set of data input lines of each of the matrices is to be coupled to a different one of the line cards.